

# INTERNATIONAL SEARCH REPORT

Int. Application No  
PCT/GB 99/03071

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C12Q1/68 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>SZABO M C ET AL: "IDENTIFICATION OF TWO VARIANTS OF THE HUMAN INTEGRIN ALPHA4 SUBUNIT"</p> <p>MOLECULAR IMMUNOLOGY, US, ELMSFORD, NY, vol. 32, no. 17, page 1453-1454</p> <p>XP002912333</p> <p>ISSN: 0161-5890</p> <p>* see especially page 1453, paragraph 5: "Results and Discussion" *</p> <p>the whole document</p> <p style="text-align: center;">--- -/--</p>	1,4,6, 10,11

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

21 January 2000

Date of mailing of the international search report

04/02/2000

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PCT/GB 99/03071

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>NEWTON C R ET AL: "ANALYSIS OF ANY POINT MUTATION IN DNA. THE AMPLIFICATION REFRACTORY MUTATION SYSTEM (ARMS)" NUCLEIC ACIDS RESEARCH, GB, OXFORD UNIVERSITY PRESS, SURREY, vol. 17, no. 7, page 2503-2516 XP000141596 ISSN: 0305-1048 the whole document</p> <p style="text-align: center;">---</p>	1, 4
Y	<p>YEDNOCK T A ET AL.: "Prevention of experimental autoimmune encephalomyelitis by antibodies against alpha4/beta1 integrin" NATURE, vol. 356, 1992, pages 63-66, XP002128375 the whole document</p> <p style="text-align: center;">---</p>	10, 11
Y	<p>WO 92 00751 A (NOVONORDISK AS) 23 January 1992 (1992-01-23) abstract; claims 18-29</p> <p style="text-align: center;">---</p>	10
Y	<p>LIN K-C AND CASTRO A C: "Very late antigen 4 (VLA4) antagonists as anti-inflammatory agents" CURRENT OPINION IN CHEMICAL BIOLOGY, XP000869619 cited in the application the whole document</p> <p style="text-align: center;">---</p>	10
Y	<p>ROSEN G D ET AL.: "An intricate arrangement of binding sites for the Ets family of transcription factors regulates activity of the alpha4 integrin gene promotor" THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 269, no. 22, 1994, pages 15652-15660, XP002128376 cited in the application abstract page 15652, column 2, paragraph 5 -page 15653, column 1, paragraph 5 page 15657, column 2, paragraph 2 -page 15658, column 1, paragraph 1; figure 7</p> <p style="text-align: center;">---</p>	11
Y	<p>WO 97 40462 A (SPECTRA BIOMEDICAL INC) 30 October 1997 (1997-10-30) the whole document</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	6

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Inte Application No

PCT/GB 99/03071

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>TAKADA Y ET AL: "THE PRIMARY STRUCTURE OF THE ALPHA4 SUBUNIT OF VLA-4: HOMOLOGY TO OTHER INTEGRINS AND A POSSIBLE CELL - CELL ADHESION FUNCTION"</p> <p>EMBO JOURNAL,GB,OXFORD UNIVERSITY PRESS, SURREY, vol. 8, no. 5, page 1361-1368 XP002912332 ISSN: 0261-4189 cited in the application the whole document</p> <p>----</p>	
A	<p>ROSEN G D ET AL.: "Characterization of the alpha4 integrin gene promotor"</p> <p>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES USA, vol. 88, 1991, pages 4094-4098, XP002128377 cited in the application the whole document</p> <p>-----</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. application No

PCT/GB 99/03071

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9200751 A	23-01-1992	AU 8205591 A	04-02-1992
WO 9740462 A	30-10-1997	AU 2734197 A	12-11-1997
		EP 0897567 A	24-02-1999